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Customer No. 000959

Case Docket No. MNI-187

COMMISSIONER FOR PATENTS  
Box Patent Application  
Washington, D.C. 20231

"Express Mail" Mailing Label Number: EL 833 317 124 US

Date of Deposit: August 31, 2001

I hereby certify that this transmittal letter and the papers referred to as being enclosed therein are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

Nelson Barros  
Signature

Nelson Barros  
Please Print Name of Person Signing

11050 U.S. PTO  
09/945326  
08/31/01

Sir:

Transmitted herewith for filing is the patent application of:

Inventors: Rachel Meyers and John Joseph Hunter

For: **62112, A NOVEL HUMAN DEHYDROGENASE AND USES THEREOF**

Enclosed are:

- ☒ 94 pages of specification, 6 pages of claims, 1 page of abstract.
- ☒ 9 sheets of drawings (Figures 1A-1B, 2A-2D, 3A-3B, 4 and 5).
- ☒ An unexecuted Declaration, Petition and Power of Attorney for Patent Application (6 pages).
- ☒ 8 pages of Sequence Listing.
- ☒ Transmittal Letter for Diskette Containing Sequence Listing.
- ☒ Diskette Containing Sequence Listing.
- ☒ Return postcard.
- ☒ Application Data Sheet.

The filing fee has been calculated as shown below:

	(Col. 1)	(Col. 2)
FOR:	NO. FILED	NO. EXTRA
BASIC FEE	////////////////////	
TOTAL CLAIMS	80 - 20	= 60
INDEP. CLAIMS	16 - 3	= 13
<input checked="" type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED		

\* If the difference in Col. 2 is less than zero,  
enter "0" in Col. 2.

SMALL ENTITY	
RATE	FEE
////////	\$
x 9=	\$
x 40	\$
+135	\$
TOTAL	0

OTHER THAN SMALL ENTITY	
RATE	FEE
////////	\$ 710
x 18=	\$ 1080
x 80	\$ 1040
+270	\$ 270
TOTAL	\$3,100.00

☒ **THE FILING FEE IS NOT BEING PAID AT THIS TIME.**

0945326 "083101"

08/31/01  
JC944 U.S. PTO

- ☐ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. \_\_\_\_\_.  
A duplicate copy of this sheet is enclosed.
- ☐ Any additional filing fees required under 37 C.F.R. 1.16.
- ☐ Any patent application processing fees under 37 C.F.R. 1.17.
- ☐ The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. \_\_\_\_\_.  
A duplicate copy of this sheet is enclosed.
- ☐ Any patent application processing fees under 37 C.F.R. 1.17.
- ☐ The issue fee set in 37 C.F.R. 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).
- ☐ Any filing fees under 37 C.F.R. 1.16 for presentation of extra claims.
- ☒ Address all future communications (May only be completed by applicant, or attorney or agent of record) to Amy E. Mandragouras, Esq. at **Customer Number: 000959** whose address is:

Lahive & Cockfield, LLP  
28 State Street  
Boston, Massachusetts 02109

Date: August 31, 2001

LAHIVE & COCKFIELD, LLP  
Attorneys at Law

By   
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00945326 "083401"

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Rachel Meyers and John Joseph Hunter

Serial No.: N/A

Filed: Herewith

For: 62112, A NOVEL HUMAN DEHYDROGENASE  
AND USES THEREOF

Attorney Docket No.: MNI-187

Commissioner for Patents  
Box Sequence  
Washington, D.C. 20231

**TRANSMITTAL LETTER FOR DISKETTE CONTAINING SEQUENCE LISTING**

Dear Sir:

Enclosed is a diskette which contains a computer readable form of the Sequence Listing for the patent application filed herewith. The Sequence Listing complies with the requirements of 37 C.F.R. § 1.821. The material on this diskette is identical in substance to the sequence listing appearing on pages 1-8 of the Sequence Listing which is submitted herewith, as required by 37 C.F.R. § 1.821(f). The computer readable form of the sequence listing contained on the enclosed diskette is understood to comply with the requirements of § 1.824(d).

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Signature

Please Print Name of Person Signing

*Nelson Barros*

NELSON BARROS

Respectfully submitted,

LAHIVE & COCKFIELD, LLP

By *Giulio A. DeConti, Jr.*

Giulio A. DeConti, Jr., Esq.

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